

Repairer Preventive Maintenance Checks and Services

6525-01-303-6235

X-Ray Process Machine, Model AFP14X3MIL

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	X-Ray Processor a. Conduct an inventory to ensure that the items listed in the Equipment Parts or Accessories List are on hand. b. Inspect the processor for obvious signs of damage such as cracks, dents, leaks or broken components. c. Install the processor according to the manufacturer's literature. (1) Locate the processor in a darkroom location according to the manufacturer's literature. (2) Connect the plumbing connections according to the manufacturer's literature. (a) Drain (b) Water Supply (3) Connect the silver recovery system to the processor according to the manufacturer's literature. (4) Install the replenishment system according to the manufacturer's literature. (5) Set the frequency adjustment to the processor as directed in the manufacturer's literature. (6) Perform the manufacturer's "Check Out" procedures. (7) Perform the manufacturer's "Final Set-Up" procedures. d. Verify electrical safety.	Missing components or accessories prevent the operation of the unit. The damage to the processor prevents the operation. The processor cannot be installed. The plumbing cannot be connected. The replenishment system cannot be installed. The frequency is not adjustable. The processor does not pass the checkout procedure. The processor does not pass the final set-up procedures. The processor fails any of the electrical safety tests.
2	S	Racks and Crossovers a. Clean all racks, crossovers, and splashguard. b. Inspect gears, pins, bearings, and all wear surfaces. c. Inspect rollers for wear or excessive build-up of residual matter. d. Inspect for worn or warped film guides.	The build-up of residual matter causes unreadable film.

Repairer Preventive Maintenance Checks and Services

6525-01-303-6235

X-Ray Process Machine, Model AFP14X3MIL

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
3	S	e. Inspect for loose fasteners. f. Inspect transport of film through racks individually. Tanks a. Clean tanks and inspect for algae build-up. b. Inspect for evidence of leakage.	The film does not track through system. The tanks leak.
4.	S	Drive Shaft a. Inspect mesh with rack gears. b. Lubricate drive shaft and thrust bearing. c. Inspect and grease plastic running gears on shaft.	The shaft does not line up with racks.
5	S	Drive Motor and Chain a. Inspect for correct chain tension. b. Lubricate the drive chain. c. Lubricate output shaft bearing on the drive reducer. d. Inspect motor operation and amperage draw.	The film does not track through system.
6	S	Circulation System a. Inspect for clogged circulation lines. b. Inspect for evidence of leakage. c. Inspect for circulation of tank solutions. d. Inspect for proper water solenoid activation.	The solution does not flow through the system. The solution does not flow through the system. The water does not flow through the system.
7	S	Transport Rack a. Clean rack rollers. b. Lubricate the dryer shaft bearings beneath the support bearing.	

Repairer Preventive Maintenance Checks and Services

6525-01-303-6235

X-Ray Process Machine, Model AFP14X3MIL

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
8	S	c. Inspect for worn bearings and springs. d. Inspect film transport through rack. e. Vacuum entire dryer section. Air System a. Clean the blower and air ducts. b. Clean the blower motor and check operation. c. Inspect the amperage draw of blower motor.	The film does not track through the system.
9	S	Front Panel a. Inspect fuses. b. Inspect the film activation switch.	The replenisher does not activate.
10		Transport Timing a. Inspect "FEED" indicator and audible signal timing. b. Inspect for transport shutdown approximately 2-1/2 minutes after film exit. c. Inspect the "JOG" function.	The transport timing does not perform per manufacturer's specification.
11	S	Temperature Control a. Verify temperatures against dial settings. b. Inspect amp draw of developer and dryer heating elements. c. Observe proportioning sequence of DS1 and DS2 on J3 PCB.	The temperature control does not function according to the manufacturer's literature.
12	S	Replenishment System a. Inspect for pump activation.	The replenishment system does not function according to the manufacturer's literature.

Repairer Preventive Maintenance Checks and Services

6525-01-303-6235

X-Ray Process Machine, Model AFP14X3MIL

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
13	S	<p>b. Clean storage tanks and flush lines.</p> <p>c. Verify the replenishment rates.</p> <p>d. Verify the amperage draw.</p> <p>e. Inspect and clean level probes in developer tank.</p> <p>General Cleaning</p> <p>a. Clean off deposits under tanks.</p> <p>b. Clean the top cover.</p> <p>c. Clean the feed tray.</p> <p>d. Inspect and clean the base cabinet.</p> <p>e. Inspect the external water filter and replace as necessary.</p> <p>f. Check out and clean transport timing device per manufacturer's literature.</p> <p>g. Check out and clean temperature control per manufacturer's literature.</p> <p>h. Check out and clean replenishment system per manufacturer's literature.</p>	